# Session 81: Joint Neutrino + Computing Frontiers

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## Resource availability and access

## Topics Discussed

- Are we creating too much infrastructure in the name of "easy of use" which is preventing us from using resource agilely?
- Some of the complexity is necessary for simulation and reconstruction which depend on a complex software stack and large data volumes.

## Follow-up Questions

- How much complexity is "necessary?"
- How applicable is the "biologist on the OSG" example? Can we gain some of the benefits of shared infrastructure without throwing out useful experience?
- How are we going to match HPC access models to traditional HEP computing?

## Data preservation and reanalysis

## Topics Discussed

- Are there examples of this going well? Astronomy? Nuclear physics?
- What characterizes the success stories, are there fundamental reasons the problem is harder in HEP?

## Follow-up Questions

- High on our minds with an active effort underway to do this for Minerva, informed by recent attempts at data archeology
- Has been attempted many times in the collider world, too, with very limited success.
- Requires both physical and human resources to ingest and maintain data and software for later analysis.

# Improving handling uncertainties

#### Topics Discussed

 We spend a large fraction of our computing resources on evaluating systematics, but still cannot capture the full dimensionality.

#### Follow-up Questions

Ran out of time to discuss, so let's all keep thinking about it.